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The ***FEMP MONTHLY UPDATE*** is prepared expressly for the Department of Energy's Office of Federal Energy Management Programs (FEMP). The purpose of the ***UPDATE*** is to provide FEMP management staff with timely information on topics relevant to the program. This includes the status of pending Federal and state legislation and summaries of public and private sector energy-related activities. The ***FEMP MONTHLY UPDATE*** is prepared for FEMP by Energetics, Incorporated, (202) 479-2748.

DOE BULLETIN BOARD

Short-Term Energy Outlook, Energy Information Administration, September 2001

According to EIA's *September Short-Term Energy Outlook*, the average U.S. price for gasoline rose 16 percent to \$1.55 per gallon from August 6 to September 3. The Midwest region experienced the most dramatic increase during this period, an increase of 39 cents per gallon to \$1.73 per gallon.

In oil market news, EIA maintains that global oil supplies were "minimally impacted" by the tragic events of September 11th. According to EIA's *Oil Market Assessment*, although it is possible for oil prices to increase this winter (due to weather, Mideast tensions, or other events), OPEC has asserted that oil supplies will be maintained.

A side-effect of the terrorist attacks on September 11 is a boost in heating oil supplies. As reported in the September 25 issue of *Greenwire*, this is due in part to predictions that industrial demand will decrease as a result of a weakening economy. Furthermore, demand for jet fuel has decreased. According to the Natural Gas Supply Association, refiners can easily convert jet fuel into heating oil.

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On September 27, the Federal Energy Management Program hosted its second interagency Sustainable Design Working Group meeting, which was established to make sustainable design a "business as usual" practice in the design, construction, and renovation of Federal facilities. To date, participants have received presentations on what agencies are currently doing in the area of sustainable design and examined barriers to widespread adoption of sustainable design practices. The meeting, which was held in Washington, DC, included representatives from the Department of Energy, the Navy, NASA, and the General Services Administration, among others. For more information on the working group and its activities, contact Beverly Dyer of FEMP at Beverly.dyer@ee.doe.gov.

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CONGRESSIONAL ACTIVITIES

CONGRESSIONAL SCHEDULE

Congress recessed for the Yom Kippur holiday and will reconvene early next week to continue work on pending FY 2002 appropriations and other key bills.

Due to the events of September 11, the Administration and Congress have been preoccupied with developing measures to protect citizens and our domestic infrastructure, including utility systems. As a result, no new legislation has been introduced or hearings scheduled of interest to the Federal energy management team.

Energy-related legislation, while still considered a major priority by the Administration and Congress, has not made any significant progress in the last few weeks. The House-passed energy bill is on hold since the Senate has yet to clear its version; the Senate is now concentrating on developing legislative language to protect power sources and systems (oil, natural gas, electricity, nuclear energy, power lines, etc.) from terrorist attacks. **Meanwhile, Senator Frank Murkowski (R/AK), Ranking Minority Member of the Committee on Energy and Natural Resources is reported to have released a national security bill that includes an energy efficiency provision. Title III of the unnamed and unnumbered bill addresses:**

- **Federal energy management**
- **Energy efficient appliance and building standards**
- Low-income weatherization

Title IV covers electricity, and Title V addresses energy research. No further details are available at this time.

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FY 2001 APPROPRIATIONS

See [Attachment A](#) for the status of FY 2002 appropriations.

FEMP has released its FY2002 Training Catalog. The catalog is available on the FEMP web page or through ERIC. The following courses are available through the end of the year:

- High Performance, Low Energy Laboratory Design Workshop, October 1 in Washington, DC
- Laboratories for the 21st Century Annual Conference, October 2-4 in Washington, DC
- Super ESPC, October 22-23 in Atlanta, GA
- FEMP Symposia at the World Energy Engineering Congress, October 24-26 in Atlanta, GA
- UESC Projects, October 30-31 in Albuquerque, NM
- FEMP Lights (Advanced), November 7-9 in Washington, DC
- Super ESPC, November 14-15 in Golden, CO
- Life-Cycle Costing, November 27-28 in Chicago, IL
- Designing Low-Energy, Sustainable Buildings, November 29-30 in Irwindale, CA

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Also, refer to FEMP's web site - www.ee.eren.doe.gov/femp for the status and a brief summary of pending FY 2002 appropriation bills of interest to the Federal energy management team.

FY 2002 Appropriations – This week, both the House and the Senate passed ***H.J. Res.65 – Making Continuing Appropriations for FY 2002. The bill, which has been sent to the President, continues operations of the Federal Government at FY 2001 funding levels for the first two weeks of the new fiscal year, beginning October 1, 2001.*** The President is expected to sign the bill. To date, seven funding bills have been cleared for conference negotiations. Six of the seven bills are of interest to FEMP:

- ***H.R.2330/S1191 – Agriculture, Rural Development, Food and Drug Administration, and Related Agencies*** Includes funding for USDA and Food and Drug Administration facilities. Conferees include:

House: To be announced

Senate: To be announced

- ***H.R.2500/S. 1215 – Commerce, Justice, State, and the Judiciary*** Includes funding for facility construction/improvement accounts for the Departments of Commerce (NIST) and Justice (e.g., prisons, FBI, INS). Conferees include:

House: (*Republicans*) Frank Wolf (VA), Harold Rogers (KY), Jim Kolbe (AZ), Charles Taylor (NC), Ralph Regula (OH), Tom Latham (IA), Dan Miller (FL), David Vitter (LA), Bill Young (FL); (*Democrats*) Jose Serrano (NY), Alan Mollohan (WV), Lucille Roybal-Allard (CA), Bud Cramer (AL), Patrick Kennedy (RI), Dave Obey (WI).

Senate: (*Democrats*) Fritz Hollings (SC), Daniel Inouye (HI), Barbara Mikulski (MD), Patrick Leahy (VT), Herb Kohl (WI), Patty Murray (WA), Jack Reed (RI), Robert Byrd (WV), (*Republicans*) Judd Gregg (NH), Ted Stevens (AK), Pete Domenici (NM), Mitch McConnell (KY), Robert Bennett (UT), Ben Nighthorse Campbell (CO), Thad Cochran (MS).

- ***H.R. 2311/S. 1171 – Energy and Water Development*** Includes funding for DOE's Renewable Energy programs. Conferees include:

House: (*Republicans*) Sonny Callahan (AL), Harold Rogers (KY), Rodney Frelinghuysen (NJ), Tom Latham (IA), Roger Wicker (MS), Zach Wamp (TN), Jo Ann Emerson (MO), John Doolittle (CA), Bill Young (FL); (*Democrats*) Peter Visclosky (IN), Chet Edwards (TX), Ed Pastor (AZ), James Clyburn (SC), Lucille Roybal-Allard (CA), Dave Obey (WI).

Senate: (*Democrats*) Harry Reid (NV), Ernest Hollings (SC), Patty Murray (WA), Byron Dorgan (ND), Diane Feinstein (CA), Tom Harkin (IA), Daniel Inouye (HI), (*Republicans*) Pete

Domenici (NM), Thad Cochran (MS), Mitch McConnell (KY), Robert Bennett (UT), Conrad Burns (MT), Larry Craig (ID).

- ***H.R. 2217/(No Senate Bill Number) – Interior and Related Agencies*** Includes funding for DOE's Energy Efficiency programs and Department of Interior facility construction and improvement accounts. Conferees include:

House: (*Republicans*) Joe Skeen (NM), Ralph Regula (OH), Jim Kolbe (AZ), Charles Taylor (NC), George Nethercutt (WA), Zack Wamp (TN), Jack Kingston (GA), John Peterson (PA), Bill Young (FL); (*Democrats*) Norman Dicks (WA), John Murtha (PA), Jim Moran (VA), Maurice Hinchey (NY), Martin Olav Sabo (MN), Dave Obey (WI).

Senate: (*Democrats*) Robert Byrd (WV), Patrick Leahy (VT), Fritz Hollings (SC), Harry Reid (NV), Byron Dorgan (ND), Diane Feinstein (CA), Patty Murray (WA), Daniel Inouye (HI); (*Republicans*) Conrad Burns (MT), Ted Stevens (AK), Thad Cochran (MS), Pete Domenici (NM), Robert Bennett (UT), Judd Gregg (NH), Ben Nighthorse Campbell (CO).

- ***H.R. 2904S/1460 – Military Construction*** Both the House and Senate recently passed their respective bills; provisions of interest include the following:

House: ***\$10.5 billion (H.R. 2904)***

Military Construction - \$5.9 billion, includes:

Barracks - \$1.2 billion

Child Development Centers - \$43 million

Hospital and Medical Facilities - \$199 million

Family Housing - \$4.1 billion, includes:

New Family Housing Units and Improvements to Existing Units - \$1.1 billion

Operation and Maintenance of Existing Units - \$2.9 billion

Energy Efficiency

The committee encourages energy efficiency and the maximum use of energy produced from non-carbon and renewable sources at military installations. **The committee is aware that DOD is mandated to comply with Executive Order 13123 to meet energy management requirements, reduce greenhouse gases, and expand the use of renewable sources.**

To assist DOD in complying with the executive order, and to build upon the effort to expand the use of non-carbon and renewable sources, the **committee directs that not later than January 1, 2003, the Secretary of Defense shall submit to Congress a plan to achieve at military installations the goals specified in sections 201, 202, and 203 of E.O. 13123 relating to greenhouse gases reduction goals and energy efficiency improvement goals, by maximizing the use of (1) energy efficiency products and services and (2) energy produced from non-carbon and renewable sources.**

Building to Private Sector Standards

Section 2803 of the *National Defense Authorization Act of 2001* repealed the military family housing square footage limitations included in section 2826 of title 10, U.S. Code. These

limitations were in place for many years and were inconsistent with housing constructed in the private sector.

Waiving these limitations should create incentives for the military departments to **replace large, inefficient housing units with more energy efficient and appropriately sized homes to meet the needs of military families.** The committee directs the Department to replace larger, inefficient housing units with housing built to private sector standards wherever feasible. Building to local private sector standards could save the Department the added cost and burden of maintaining historic homes. Furthermore, when executing projects included in the fiscal year 2002 appropriation, the committee expects the Department to construct housing to community standards rather than to the standards previously included in section 2826 of title 10.

Senate: \$10.5 billion (S. 1460)

Military Construction - \$5.5 billion, includes:

Barracks - \$1.2 billion

Child Development Centers - \$33.6 million

Hospital and Medical Facilities - \$229.1 million

Family Housing - \$4.1 billion, includes:

New Construction and Improvements to Existing Units - \$4 billion

Energy Conservation and Improvement Project - \$35.6 million

Conferees include:

House: To be announced

Senate: (*Democrats*) Diane Feinstein (CA), Daniel Inouye (HI), Tim Johnson (SD), Mary Landrieu (LA), Harry Reid (NV), Robert Byrd (WV); (*Republicans*) Kay Bailey Hutchison (TX), Conrad Burns (MT), Larry Craig (ID), Mike DeWine (OH), Ted Stevens (AK).

- ***H.R. 2299/S. 1178 – Transportation and Related Agencies*** This bill includes funding for DOT's facilities construction and improvement account. Conferees include:

House: To be announced

Senate: To be announced

- ***H.R. 2590/S. 1398 – Treasury, U.S. Postal Service, and General Government*** Includes funding for the General Service Administration's Public Building Service and the facilities accounts for the Treasury Department and the U.S. Postal Service; also includes funding for USPS vehicle fleet. Conferees include:

House: To be announced

Senate: (*Democrats*) Byran Dorgan (ND), Barbara Mikulski (MD), Mary Landrieu (LA), Jack Reed (RI), Robert Byrd (WV); (*Republicans*) Ben Knighthorse Campbell (CO), Richard Shelby (AL), Mike DeWine (OH), Ted Stevens.

- ***H.R. 2620/S. 1216 – Veterans’ Administration, Housing and Urban Development, and Independent Agencies*** Includes funding for VA major and minor construction projects and the Environmental Protection agency’s facility and programmatic activities. Conferees include:

House: (*Republicans*) Jim Walsh (NY), Tom DeLay (TX), David Hobson (OH), Joe Knollenberg (MI), Rodney Frelinghuysen (NJ), Anne Meagher Northup (KY), John Sununu (NH), Virgile Goode (VA), Robert Aderhold (AL), Bill Young (FL); (*Democrats*) Alan Mollohan (WV), Marcy Kaptur (OH), Carrier Meek (FL), David Price (NC), Bud Cramer (AL), Chaka Fattah (PA), Dave Obey (WI).

Senate: (*Democrats*) Barbara Mikulski (MD), Patrick Leahy (VT), Tom Harkin (IA), Robert Byrd (WV), Richard Kohl (WI), Tim Johnson (SD), Fritz Hollings (SC), Daniel Inouye (HI); (*Republicans*) Christopher Bond (MO), Conrad Burns (MT), Richard Shelby (AL), Larry Craig (ID), Pete Domenici (NM), Mike DeWine (OH), Ted Stevens (AK).

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STATUS AND SUMMARY OF PENDING AUTHORIZATION BILLS OF INTEREST TO FEMP

Refer to the FEMP web site at www.eren.doe.gov/femp/ (select “News and Events” and scroll down to 107th Congressional Legislative Initiatives).

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NEW LEGISLATIVE INITIATIVES OF INTEREST TO FEMP

No new legislative initiatives of interest have been introduced.

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HEARINGS OF INTEREST OF FEMP

No new hearings of interest have been scheduled.

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FEDERAL AGENCY ACTIVITIES

See also:

- [Attachment B](#) – Privatization Projects
➤ [Attachment C](#) – Federal Building Projects

FEDERAL ENERGY REGULATORY COMMITTEE

Representatives from the PJM Interconnection, New York ISO, and ISO – New England are brainstorming with the Federal Energy Regulatory Commission on how to create a “seamless” Regional Transmission Organization (RTO) in the Northeast and MidAtlantic region. Negotiators have fashioned three different governance options for the RTO, which, according to FERC administrative

law judge H. Peter Young “differ primarily with respect to board composition.” Other issues concern whether the stakeholder role should be simply advisory or if they should keep limited decisional authority, if sub-sectors are appropriate, how the voting protocol should be instituted, and how to accommodate for marginalized interests such as environmental, public, renewables, and new and emerging technologies. (Source: *The Electricity Daily*, September 19, 2001)

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DEPARTMENT OF ENERGY

Energy Efficient Appliance Standards DOE’s Office of the Deputy Assistant Secretary for Building Technology Systems has announced two upcoming public events associated with establishing standards for consumer products. The events include the following schedules:

- Central Air Conditioners and Heat Pump Energy Conservation Standards: A public meeting has been rescheduled for October 2, 2001 (rescheduled from September 13, 2001), and the public comment period has been extended until October 19, 2001. For further information, contact Dr. Michael McCabe at 202-586-0854 or via e-mail at ME.mccage@ee.doe.gov.
- Energy Conservation Standards for Commercial Unitary Air Conditioners and Heat Pump Conservation Standards for Commercial Unitary Air Conditioners and Heat Pumps: The public workshop has been rescheduled for October 1, 2002 (rescheduled from September 12, 2001), and the public comment period has been extended until November 1, 2001. For further information, contact Bryan Berringer at 202-586-0371 or bryan.berringer@ee.doe.gov.

The Department of Energy recently awarded a \$490,000 grant to a team of scientists from the University of Arizona to study a new method of harnessing solar energy that could spur the development of cheaper and more practical photovoltaic solar cells. The study will examine organic molecules that, when spread as a thin film coating, assemble themselves in such a way that they can more efficiently convert sunlight directly into electricity. (Source: *Arizona Daily Star*, September 3, 2001)

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Utility/DSM Activities

The U.S. Postal Service is seeking an energy service provider to generate electricity to 402 Postal facilities located in the State of Maine. For further information, contact Deborah Wilcox-Loos at 860-285-7343; refer to Solicitation Number 089480-01-A-0271-A002.

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BOSTON REGION

No activities of interest to report.

CHICAGO REGION

No activities of interest to report.

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DENVER REGION

No activities of interest to report.

PHILADELPHIA REGION

No activities of interest to report.

SEATTLE REGION

Utility/DSM Activities

The Federal bureau of Prisons has announced the award of a contract for electric services at the Federal Correctional Institution in Herlong, California. A contract for \$14.672 million was awarded to Plumas Sierra REC of Portola, California. No Federal contact provided on Contract Award #JX00c-448.

STATE AND LOCAL GOVERNMENT ACTIVITIES

ATLANTA REGION

► General State Activities

The Chatham County, Georgia Summer Cooling Program funded by the Georgia Department of Human Resources was offered only \$230,000 of the state's \$2.9 million allocated to low income energy assistance. The program closes September 30, or when the fund is depleted. (Source: *Knight Ridder/Tribune*, August 24, 2001)

► Status of Utility-Related Activities

The Arkansas Public Service Commission (PSC) is debating a repeal of its electric deregulation law slated to go into effect at some point between January 2002 and July 2003. At a hearing on October 18, utilities and other industries in the state will present their views to the PSC, at which point the PSC will make its recommendations to the legislature on whether or not to continue with its restructuring plan. According to Arkansas Senator Mike Beebe (D), all neighboring states have "retreated" on restructuring, in effect lowering the pressure on Arkansas to move forward with its restructuring plan. The Governor, Republican Mike Huckabee, commented "Given the not-so-successful record in other states, it would appear that, at the very least, further delays of implementation will be the best course. And unless it can be shown deregulation is going to better serve the families of our state, an outright repeal is a real possibility." (Source: *Electricity Daily*, September 17, 2001)

BOSTON REGION

► General State Activities

The State of New York recently proposed new rules for tax incentives under its green building tax credit program. For commercial and residential buildings larger than 20,000 square feet, a five percent tax credit would be assessed on buildings with partial energy and environmental improvements, and in such cases where the entire building meets standards, a seven percent tax credit would be assessed. Recycling, zoning compliance, environmental regulations, and high level of indoor air quality are some of the standards. Other provisions in the rules include a 30 percent cost credit for installation and purchase

of fuel cells, 100 percent of the cost to build solar panels, ten percent of the cost of non-ozone depleting air conditioner units, and 25 percent of the cost for non-building solar panels. (Source: Center for a Sustainable Economy, *Tax News Update*, August 28, 2001)

On September 13, **Connecticut's Department of Public Utility Control rejected a proposal by Enron North America Corp. and the Connecticut Resources Recovery Act (CRRRA) to spend \$124 million on the construction of fuel cell farms** that would have been capable of generating 26 megawatts of electricity. According to the proposal, Enron and the CRRRA would have acquired the money through a surcharge on electric consumers' bills. The Department of Public Utility Control rejected the proposal because of the inordinate amount of risk put on ratepayers without reasonable guarantees from the manufacturer or project developer. (Source: *Waterbury Republican-American, Conn.*, September 13, 2001)

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CHICAGO REGION

No activities of interest to FEMP.

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DENVER REGION

► *General State Activities*

Nebraska electric bills are 20 percent lower than the national average, according to a report commissioned by the Nebraska State Legislature to determine whether or not the state should deregulate. The report also indicated that Nebraska's transmission infrastructure is adequate to meet demand. The President of the Nebraska Power Association, Terry Bundy, gleaned from the report that "there is no need to do anything different at the current time and we'll keep monitoring [prices] in the future." (Source: *PMA Online*, August 29, 2001)

► *Status of Utility-Related Activities*

Texas' Acting Lieutenant Governor Bill Ratliff (R) called on the state to delay deregulation because eastern Texas will most likely face higher rates under a restructuring plan. Transmission lines in the eastern part of the state do not connect with the rest of the state's electric grid, and no retail providers have signed contracts with customers there. (Source: *Beaumont Enterprise*, September 7, 2001)

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PHILADELPHIA REGION

► *General State Activities*

The **Ohio State Government plans to appropriate \$280 million per year to schools and local governments** to help them cover the cost of the new kilowatt-hour tax on electricity and the thousand-cubic-foot tax on natural gas. (Source: Center for a Sustainable Economy, *Tax News Update*, September 13, 2001)

► *Status of Utility-Related Activities*

While the State of Virginia rounds up utilities to compete in its restructured electric market, power companies are suggesting ways to make the market more attractive and to induce participation. Some companies suggest that price caps be removed; others would like tax incentives that would

encourage the construction of generation facilities. Another suggestion is to gradually increase price caps. All suggestions were presented to the State Corporation Commission for their assessment in early September. (Source: *Richmond Times-Dispatch*, September 1, 2001)

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SEATTLE REGION

► *General State Activities*

Washington State Governor Gary Locke (D) signed into law a bill authorizing tax credits, exemptions, and deferrals for energy efficiency practices. *HB 2247* allows districts to deduct 75 percent of their costs to establish programs or install technologies for water conservation; mandates energy audits in state facilities; streamlines the Energy Facility Site Evaluation Council process for siting and permitting power plants; establishes tax credits for low-income consumers; and establishes tax incentives for the Bonneville Power Administration to build its own on-site power generation. (Source: Center for a Sustainable Economy, *Tax News Update*, August 28, 2001)

California Governor Gray Davis (D) penned into state law a bill that will **allow an income tax deduction that equals the “value of rebates from water agencies for energy-efficient clothes washers and plumbing fixtures.”** (Source: Center for a Sustainable Economy, *Tax News Update*, September 13, 2001)

The City of Glendale, California, has approved a solar electric generation rebate of \$3 per watt (up to 10,000 watts) for customers. The program is similar to the California Energy Commission’s renewable program, a program in which Glendale residents are not eligible to participate because the city is served by its own municipal power plant. The program directs 2.85 percent of each resident’s electric bill towards renewable, low income, and research and development programs, resulting in a \$1.1 million energy fund (Source: *Knight Ridder/Tribune*, August 24, 2001)

► *Status of Utility-Related Activities*

As of September 20, California’s electric customers may no longer buy power on the retail market. The California Public Utilities Commission blocked direct retail access to electricity stating that “suspension of the ability to acquire direct access service will provide the Department of Water Resources with a stable customer base from which to recover the cost of power it has purchased and continues to purchase.” Green Mountain Energy and other renewables suppliers were disappointed with the ruling, fearing that it will have “many fewer subscribers to keep it alive.” (Source: *The Electricity Daily*, September 20, 2001)

The California Energy Commission recently awarded more than \$3.8 million to several renewable energy projects in an effort to further develop the growth of the state’s renewable energy market. Those projects receiving funds include a 1.2 megawatt power plant in Lincoln that produces electricity via methane gas from a landfill, Sierra Pacific Industries’ biomass project in Sonora, a hydroelectric plant at the Diamond Valley reservoir, and a hydro facility in San Diego. (Source: *Sacramento Bee*, September 22, 2001)

The California legislature disappointed wind power advocates when it was unable to complete legislation on several bills related to wind energy. Provisions in the “Edison Bailout Bill” related to renewable energy, a stand-alone version of the Renewable Portfolio Standard, and the California Energy Commission Investment Plan never came to a final vote. However, there is a chance that the Governor will call a special session in a few weeks to address these and other unresolved issues. (Source: *Wind Energy Weekly*, September 24, 2001)

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UTILITIES AND SUPPLIER ACTIVITIES

GENERAL ANNOUNCEMENTS

The Federal Government has awarded Blasch Precision Ceramics, Inc. \$10 million to develop fuel cell technologies. The project will potentially find the means to create a fuel cell that will simultaneously heat a home and provide electricity for it, provide auxiliary power for a vehicle, and produce a cheaper fuel cell. Currently fuel cells cost thousands of dollars per kilowatt-hour to operate, but the four-year project hopes to find a means to reduce cost to \$800 per kilowatt-hour. David Bobreck, Blasch's President and Chief Executive Officer said "The real key to opening the market is cost reduction... there is a market there for higher-cost application, but it's not as deep." (Source: *Knight Ridder/Tribune*, August 24, 2001)

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ATLANTA REGION

► *Public Benefits Programs*

Effective in October of this year, the Florida Power & Light Company will reduce residential customer bills by seven percent, while commercial customers will benefit from a ten percent drop and industrial customers will receive a 13 percent reduction. The Public Service Commission has already approved the plan, which will allow the utility to avoid having to pay a refund upwards of \$151 million in 2002. On October 1, Florida Power commences its "Appliance Service Plus" program wherein customers can pay a flat rate of \$17 per month to have the ability to call a repair contractor to repair or replace an appliance for just \$50. Refrigerators, ovens, dishwashers, clothes washers, and dryers are included in the program. For an additional \$18 per month, customers can also cover their water heater, air conditioning unit, and plumbing systems under the same program. (Source: *The Electricity Daily*, September, 2001)

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BOSTON REGION

No activities of interest to FEMP.

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CHICAGO REGION

► *Restructuring Activities*

The Securities Exchange Commission is requiring that Central Illinois Light Company refund electric customers \$20.4 million including \$300,000 on interest to resolve irrational fuel costs assessed in 1999 and 2000. Customers will receive the refund in payments from September through February. (Source: *Dow Jones & Company*, September 15, 2001)

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DENVER REGION

No activities of interest to FEMP.

PHILADELPHIA REGION

No activities of interest to FEMP.

SEATTLE REGION

► *Restructuring Activities*

PG&E Corp. and its subsidiary, Pacific Gas & Electric Co., have filed a bankruptcy reorganization plan that will effectively spin off the utility from the parent company. PG&E Corp. will retain the electric generation, electric transmission and gas transportation operations. The utility will retain 70 percent of its assets and will engage in a 12-year contract with PG&E Corp. to supply it with power. PG&E Corp. CEO Robert D. Glynn, Jr. said of the plan, "It is plain vanilla bankruptcy work and common sense business." Ideally, the plan would go into effect by the end of 2002. (Source: *The Electricity Daily*, September 21, 2001)

Three Western utilities have joined to oppose FERC's approval of price caps instituted on the Western power market, charging that the "controls threaten reliability." Puget Sound Energy, Portland General Electric, and Sierra Pacific Resources have pledged to work with state and Federal officials to solve the energy crisis. Tim Hogan, speaking for Puget Sound Energy, commented that "the crisis has already bankrupted a California utility, and FERC's recent actions, causing the cancellation of needed generation, could now begin to haunt the entire West as a result of well-intentioned, but misguided efforts in Washington, D.C." (Source: *The Electricity Daily*, August 27, 2001)

The Los Angeles Times hired PricewaterhouseCoopers to audit the **Los Angeles Department of Water and Power at the time of the California electricity crisis and researchers found that the utility was a "major price gouger."** The newspaper claims that over a thirteen-month period the utility secured an average 56 percent profit on sales, while the utility claims that it skimmed a 15 percent profit. (Source: *The Electricity Daily*, September 17, 2001)

Effective October 1, 2001, Portland General Electric will impose a 35 percent rate increase on customer bills; residential customers will receive a 26 percent rate hike, and industrial customers will experience a 47 percent increase. All of these rates could potentially climb five percent higher. The Oregon Public Utility Commission approved the rate increase stating they were "obligated" to "pass on to consumers the prudently incurred costs of the utility." (Source: *The Electricity Daily*, September 5, 2001)

Puget Sound Energy (PSE) is hoping to raise its customers' power costs with an 18 percent rate increase. The current five-year rate freeze period will end in December. PSE serves more than 920,000 customers in the Puget Sound region, and consumer advocates argue that the rate hike will be "a mechanism to shift the risk of power-cost fluctuations to ratepayers." Public power counsel for the state Office of Attorney General commented that the plan seems to benefit only the utility. PSE argues that the rate shift will protect both the company and consumers from the volatility of the market. (Source: *Knight Ridder/Tribune*, August 25, 2001).

► *Public Benefits Programs*

A California wastewater treatment agency will benefit from a reduction in energy costs by purchasing more efficient electric motors through a grant provided by the California Energy Commission. The Inland Empire Utilities Agency estimates that it will increase its efficiency by five

percent each year. With an initial investment of \$80,000, the plant has installed 60-75 horsepower electric motors designed by Emerson Motors. Emerson fast-tracked the construction of the motors because of the impending energy shortfall in California. For more information on Emerson's efficient electric motors, contact Rob Boteler at 314.553.1179.

Southern California Edison announced that 34 percent of its 3.7 million customers have received a rebate under the state Department of Consumer Affairs 20/20 program. A total of 25 percent of its commercial and industrial customers have received rebates. Pam Bass, SCE Senior Vice President for Customer Service commented, "Even though milder-than-expected peak temperatures have made power emergency declarations unnecessary thus far this summer, our customers continue to respond to the need for conservation." (Source: *PRNewswire*, August 28, 2001)

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ALTERNATIVE FUELS AND VEHICLES

GENERAL ANNOUNCEMENTS

General Motors (GM) announced that it expects to mass-produce fuel cell cars by 2010. Other manufacturers have projected that fuel cells will enter the marketplace in 2005. However, costs for hydrogen fueling stations remain high; GM has chosen a gasoline-based fuel cell system in which an onboard reformer unit extracts hydrogen from fossil fuel. (Source: *CALSTART News Notes*, September 14, 2001)

According to a report by the Freedonia Group, **the number of electric-powered vehicles in the marketplace will increase to 8.5 million by 2009**, an increase from 65,000 in 1999. Growth is attributed to the commercialization of hybrid-electric propulsion and the introduction of fuel cell vehicles. (Source: *CALSTART News Notes*, September 4, 2001)

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ATLANTA REGION

No activities of interest to FEMP.

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BOSTON REGION

New Products and Services

The City of New Haven, Connecticut, has outlined a plan to develop four electric trolleys for use by passengers traveling in the retail district of the city. Funding for the \$1 million project will come from the City of New Haven and Federal grants. (Source: www.ccities.doe.gov/whats_new.shtml)

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CHICAGO REGION

No activities of interest to FEMP.

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DENVER REGION

No activities of interest to FEMP.

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PHILADELPHIA REGION

Prior to resigning as governor of the State of Pennsylvania to assume the position of the Administrator of the Office of Homeland Defense, **Tom Ridge (R) awarded \$232,599 to buy hybrid-electric and alternative fuel vehicles for 13 Pennsylvania counties.** An additional \$11 million in Alternative Fuels Incentive Grants will be issued after assessing the second round of solicitations received on October 1 of this year. Governor Ridge's administration has effectively helped curb 10.5 million tons of emissions each year. (Source: *PR Newswire*, September 5, 2001)

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SEATTLE REGION

The California Air Resources Board is funding a fuel cell water taxi demonstration project. Quantum Technologies, Duffy Electric Boat Company, and DCH Technologies are teaming to develop a pollution-free water taxi to be used in ports and harbors. (Source: *CALSTART News Notes*, September 5, 2001)

The South Coast Air Quality Management District (AQMD) in California approved \$28.17 million for purchasing clean-fueled vehicles, fueling stations, and equipment. The funding comes from the state's Carl Moyer Memorial Air Quality Attainment Standards program, an initiative aimed at reducing diesel engine emissions; the AQMD Priority Reserve fund, created earlier this year; and the State Emissions Mitigation Fund, created by Governor Gray Davis (D) to mitigate nitrogen oxide and particulate emissions from power plants. (Source: *EV World*, September 25, 2001)

According to the *Daily Grist*, **one in five hybrid vehicles sold in the United States have been purchased in the San Francisco Bay area.** However, only about 50,000 out of 16 million vehicles sold in the U.S. are alternative-fueled vehicles. (Source: *Daily Grist*, September 10, 2001)

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ENERGY MANAGEMENT TOOLS AND TECHNOLOGY

➤ See also [Attachment D](#), *New Technologies*.

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SOFTWARE AND TECHNICAL ASSISTANCE TOOLS

World Wireless Communications and Utility Gateway Systems Corporation (UGS) have jointly introduced a new energy management solution. Using World Wireless's meter-reading, load control, and hardware alongside UGS's Internet database and reporting software, customers will be able to read meters remotely and collect the information for wise energy choices. For more information, contact David Singer at (303) 221-1944.

Sage Systems and Itron, Inc., are bundling their products for an all-in-one energy management solution. The new package will include Itron's meter-mounted units to allow reading via radio and

Sage's Powerline Interface to connect readings to the Internet via existing electrical lines. For more information, contact Sean Kauppinen at (415) 674-0269.

Power Measurement and E&M Electric have teamed up to offer a complete automation system for industrial process control applications. Power Measurement's ION software and electronic devices allow real-time information gathering and control, while E&M provides automation solutions. For more information, contact Power Measurement's Anthony Tisot at (250) 652-7100 or E&M Electric's Steve Scholey at (415) 369-3544.

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ENERGY MANAGEMENT SERVICES

Reliant Energy launched a new Internet energy management service on September 18. Energy Commander allows customers to monitor energy use in real time via the internet. Customers can then make informed energy decisions to increase savings. For more information, go to www.energycommander.com or call Pat Hammond at (713) 207-7723.

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MEETINGS, CONFERENCES, AND TRAINING WORKSHOPS

- Refer to [Attachment E](#), Calendar of Upcoming Events.

ATLANTA REGION

The Alliance to Save Energy is presenting FEMP's Workshop for Federal Employees and Contractors in Atlanta, Georgia, on October 23. The free training program is open to facility energy managers and Federal procurement and contracting staff. For more information, contact www.ase.org/octworkshop.htm.

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Electric Utility Consultants, Inc., is presenting the conference Performance Management for Electric Distribution Companies on October 25-26 in Atlanta, Georgia. Topics will include deregulation's relation to asset management, business processes, customer satisfaction, setting rates, and risk management. For more information, go to www.euci.com or call (303) 770-8800.

BOSTON REGION

The University at Buffalo is hosting the conference Learning Sustainability on October 10-13 in Buffalo, New York. Dr. Jane Goodall is a featured speaker. Topics include global sustainability and regional action. For more information, go to www.sustain.buffalo.edu.

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CHICAGO REGION

The Association of Energy Engineers is holding a Comprehensive Five-Day Training Program for Energy Managers in Detroit, Michigan, on October 1-5. Topics include energy audits, codes and standards, financing, lighting, HVAC, boilers, and more. For more information, see www.aeecenter.org.

The University of Wisconsin's College of Engineering is presenting consecutive seminars, Total Building Commissioning Process and The Commissioning Process Supporting Technology, on October 22-24 and October 25-26 in Madison, Wisconsin. Topics for the first conference include planning and programming, design, construction, and acceptance. Topics for the second conference include building failures, sustainable building, thermal envelopes, retro-commissioning, and roofing systems. The organizers discourage attendees from only coming to the second seminar. For more information or to register, go to epdweb.engr.wisc.edu/brochures/A307.html.

On May 9-11, Portland Energy Conservation, Inc. (PECI) will hold the tenth National Conference on Building Commissioning in Chicago, Illinois. Peci has issued a call for abstracts of papers on commissioning, operating, and maintaining buildings. For more information, go to www.peci.org/ncbc or call Carolyn Dasher at (503) 248-4636 x204.

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DENVER REGION

The National Institute of Building Sciences is sponsoring the Building Environment and Thermal Envelope Council Symposium and Workshop on October 17-18 in Santa Fe, New Mexico. The symposium is aimed at home builders, potential home owners, and state and local code officials. For more information, see www.nibs.org/nishome.htm.

Electric Utilities Consultants Incorporated is sponsoring the Ancillary Services Conference October 21 to November 1 in Denver, Colorado. Topics will include current operations and challenges, RTO plans, and pricing and costing. For more information, see www.euci.com or call (303) 770-8800.

The Association of Energy Engineers is holding a Comprehensive Five-Day Training Program for Energy Managers in New Orleans, Louisiana, on December 3-7. Topics include energy audits, codes and standards, financing, lighting, HVAC, boilers, and more. For more information, see www.aeecenter.org.

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PHILADELPHIA REGION

Northeast Energy Efficiency Partnerships, Inc., is presenting a regional workshop, Maximizing Energy Efficiency and Environmental Benefits: Linking Energy Codes and Equipment Standards with Energy Efficiency Programs, on November 7 in Plainsboro, New Jersey. Details and registration information are available at www.neep.org/2001workshop.

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SEATTLE REGION

The American Council for an Energy Efficient Economy is presenting the conference Energy Efficiency and Reliability: Lessons Learned in 2001 on October 29-30 in Berkeley, California. The conference is aimed at policy makers, planners, and other industry professionals, and the topic is reliability-focused energy efficiency and demand response programs. For more information, go to www.aceee.org/conf.

The Association of Energy Engineers is holding a Comprehensive Five-Day Training Program for Energy Managers in Honolulu, Hawaii, on December 10-14. Topics include energy audits, codes and standards, financing, lighting, HVAC, boilers, and more. For more information, see www.aeecenter.org.

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STUDIES, REPORTS, AND ANALYSES

SOLAR AND RENEWABLE ENERGY

***Utility Green Pricing Programs: What Defines Success?*, National Renewable Energy Laboratory, September 25, 2001.**

The authors state that design and marketing are crucial to the success of green power programs. The report also lists the top ten green power programs across the nation, led by the Los Angeles Department of Water and Power. To read the full report, go to www.eren.doe.gov/greenpower/home.shtml, and click on the report title.

The North American Market for Grid Power Solutions: Distributed Generation & Ride-Through Technologies. Venture Development Corporation, Fall 2001.

The report relayed findings that “both fuel cells and microturbines will flourish over the next few years, even with minimal government support.” Fuel cell growth will expand by 118 percent and microturbines growth will swell to a 203 percent increase. Over 1,300 megawatts of combined fuel cell and microturbine output will be produced by 2005. Fuel cell revenues could reach \$1 billion, while microturbine revenues could reach \$550 million by 2005. Reasons for this swelling sector include:

- Reduction in initial operating costs such that fuel cells and microturbines become competitive with the grid, and
- Development and implementation of interconnection standards to assure safety and reliability.

For more information see the Venture Development Corporation’s website at www.vdc-corp.com.

***Powering Ahead*, Union of Concerned Scientists, September 5th, 2001**

The report demonstrates how a diversified mix of electricity that includes 20 percent renewable energy could save California consumers up to \$1.8 billion as well as alleviate the state’s problems with blackouts and increased air emissions. The report also finds that if California adopts a renewable portfolio standard (RPS) of 20 percent by 2010, carbon dioxide emissions would be reduced by an estimated 24 million metric tons per year and the amount of saved natural gas would be equal to the amount burned in 15 new natural gas plants in a year. For more information and a full copy of the report, go to www.ucsusa.org (Source: *Wind Energy Weekly*, September 17, 2001)

Two Stanford engineers published a study in the technical journal *Science* finding that **building 225,000 wind turbines across the United States would “eliminate almost two-thirds of coal-generated electricity, reducing greenhouse gas emissions below 1990 levels.”** Although wind and coal generated electricity costs are around three to four cents per kilowatt hour, the cost of coal rises to 5.5-8.3 cents per kilowatt hour if health and environmental costs are taken into consideration. (Source: *MSNBC News*, August 23, 2001; *Greenwire*, August 27, 2001)

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ALTERNATIVE FUELS AND VEHICLES

Comparing the Benefits and Impacts of Hybrid Electric Vehicle Options, Electric Power Research Institute, September 2001.

The survey says that 30 to 50 percent of participants would purchase a hybrid electric vehicle even if it were 25 percent more expensive than a conventional, \$19,000 vehicle. The report and supporting information are available at www.epri.com/highlights.asp?objid=271005.

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UTILITY ISSUES

The North American Market for Grid Power Solutions: Distributed Generation & Ride-Through Technologies, Venture Development Corporation, Fall 2001.

The report relayed findings that “both fuel cells and microturbines will flourish over the next few years, even with minimal government support.” Fuel cell growth will expand by 118 percent and the growth of microturbines will swell by 203 percent. Over 1,300 megawatts of combined fuel cell and microturbine output will be produced by 2005. Fuel cell revenues could reach \$1 billion, while microturbine revenues could reach \$550 million by 2005. Reasons for this swelling sector include:

- Reduction in initial operating costs such that fuel cells and microturbines become competitive with the grid, and
- Development and implementation of interconnection standards to assure safety and reliability.

For more information, see the Venture Development Corporation’s website at www.vdc-corp.com.

The New England Council released “New England’s Energy Supply and Demand: 2001 Report and Agenda for Action” in late August. The report argued that all six New England states must focus on regional planning to “remove barriers to inter-regional progress and improved competitiveness.” New England states must develop a “united voice” to represent their interests to the Federal Energy Regulatory Commission, expand regional transmission capacity, encourage dual fuel permitting for power plants, and coordinate environmental regulations and standardize regional rules. To read the report, please see the New England Council’s website at www.newenglandcouncil.com.

The Consumer Federation of America released a report stating that “Consumers in states that have restructured their electricity markets are paying higher rates for power and getting worse service than those living in states that have not deregulated.” Researchers recommend that the low number of power suppliers in each state could not induce enough competition to lower rates. They also recommend that states be required to set aside more reserves to shore up supply in times of power emergency. (Source: *Reuters*, August 30, 2001)

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CLIMATE CHANGE

Air Quality Trends Report, Environmental Protection Agency, September 2001.

The report says that U.S. air quality has improved measurably over the past two decades. The pollutants measured were CO, Pb, NO₂, O₃, SO₂, and particulate matter. To read the entire report, go to www.epa.gov/airtrends.

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MISCELLANEOUS

Disaster and Recovery Planning: A Guide for Facility Managers, Joseph Gustin, 2001.

The book covers “all aspects of planning for and recovering from a disaster.” A donation to the Red Cross Disaster Relief Fund of ten dollars is made with every purchase of this title. To order, call (770) 925-9558 or go to www.aeecenter.org.

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ATTACHMENT A

STATUS OF FY 2002 APPROPRIATIONS BILLS

(In Billions)

<i>Jurisdiction/ FY 2002 Budget Request</i>	<i>302(b) Allocations / Approved Funding Level</i>	<i>Bill No.</i>	<i>Full Cmte.</i>	<i>Floor</i>	<i>Conf.</i>	<i>302(b) Allocations / Approved Funding Level</i>	<i>Bill No.</i>	<i>Full Cmte.</i>	<i>Floor</i>	<i>Conf.</i>
Agriculture \$ 15.409	\$ 15.519 \$ 15.669	<i>H.R.</i> 2330	June 13	July 13		\$ 16.092 \$16.4	<i>S.</i> 1191	July 17	<i>Still Pending</i>	
Commerce \$ 37.944	\$ 38.541 \$38.5	<i>H.R.</i> 2500	July 13	July 19		\$38.760 \$41.5	<i>S.</i> 1215	July 19	Sept. 13	
Defense \$300.962	\$300.292					\$298.568				
Energy and Water Development \$ 22.517	\$ 23.704 \$ 23.7	<i>H.R.</i> 2311	June 25	June 28		\$ 25.129 \$ 25.4	<i>S.</i> 1171	July 12	July 19	
Interior \$ 18,092	\$ 18.941 \$ 18.0	<i>H.R.</i> 2217	June 13	June 21		\$ 18.527 \$ 18.6	<i>*H.R.</i> 2217	June 28	July 12	
Labor / HHS \$115.682	\$119.758					\$119.000				
Military Construction \$ 9.650	\$ 10.155 \$10.5	<i>H.R.</i> 2904	Sept. 12	Sept. 25	Sept. 21	\$ 9.649 \$10.5	<i>S.</i> 1460	Sept. 25		
Transportation \$ 14.891	\$ 14.893 \$ 14.9	<i>H.R.</i> 2299	June 20	June 26		\$ 15,579 \$ 15.579	<i>S.</i> 1178	July 12	August 1	
Treasury \$ 16.488	\$ 16.880 \$ 17.0	<i>H.R.</i> 2590	July 17	July 25		\$ 16.972 \$ 16.972	<i>S.</i> 1398	July 26	Sept. 4	
VA/HUD \$ 83.683	\$ 84.159 \$ 84.159	<i>H.R.</i> 2620	July 17	July 31		\$ 84.053 \$ 84.05	<i>S.</i> 1216	July 19	August 2	
Total 302(b) Allocations/ FY 2002 Budget Request \$658.792	\$661.300					\$661.300				

* Senate amendment to House bill.

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ATTACHMENT B

PRIVATIZATION INITIATIVES

Military Branch	Facility	Utility System	Facility / Characteristics	Contact / Solicitation No.
ATLANTA REGION				
Army Engineer District	Fort Benning, GA and AL	Privatization of wastewater collection systems		Ruth Powell 817-978-4412 Solicitation Number DACA63-01-R-0025
Defense Energy Support Center	Military Ocean Terminal, Sunny Point, CA	Privatization of electric, water, and wastewater utility system		Sherry Anderson 703-767-8127 Solicitation Number SP0600-01-R-0130 (BID 0831106)
Defense Logistics Agency	Fort Rucker, AL	Privatization of electric, natural gas, water, wastewater, and utility systems		Terri Workman 703-767-8453 Solicitation Number SP0600-01-R-0067 (BID 90488)
BOSTON REGION				
<i>(No new announcements)</i>				
CHICAGO REGION				
Defense Energy Support Center	Defense Supply Center, Columbus, OH	Privatization of electric, water, wastewater utility systems		Mary Jo Fehr 703-767-8131 Solicitation Number SP0600-01-R-0131 (BID 090491)
DENVER REGION				
Army	Fort Sill, OK	Privatization of water and wastewater systems		Ray Dryz 580-442-4315 Solicitation Number SOL DABT39-01-R-1005
US Army Engineer District	Canyon Lake Recreation Area, TX	Privatization of water system		Sharon Hair 817-978-3194 DACA63-01-R-0026 (BID 0907108)
PHILADELPHIA REGION				
Army	Fort George G. Meade, MD	Privatization of potable water treatment distribution and collection		Edward Rutherford 410-962-0190 Solicitation Number CBD2001090697

Military Branch	Facility	Utility System	Facility / Characteristics	Contact / Solicitation No.
		systems.		
SEATTLE REGION				
NAF El Centro, NAS Fallon, NAS Lemoore, NWS Seal	San Diego, CA	Utility systems privatization of electrical, natural gas, potable water, wastewater, and steam		Suzanne Bernas 619-532-1921 Solicitation Number N68711-01-R-5211 (BID 0831103)
Naval Auxiliary Landing Field	San Nicholas Island, CA	Utilities privatization initiative		Brad Crawford 619-532-1103 Solicitation Number N68711-01-R-5209 (bid 0831101)
NAVFACENGCOM	Jackson Park Naval Housing, WA	Privatization of natural gas distribution system	870 units	Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8001(BID 0907793)
NAVFACENGCOM	Kingston Naval Housing, WA	Privatization of wastewater system that collects wastewater	12 units in single-story duplexes	Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8016 (BID 090789)
NAVFACENGCOM	Kingston Naval Housing, WA	Privatization of water distribution system that provides water	12 units in single-story duplexes	Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8015 (BID 90794)
NAVFACENGCOM	MWR Center Pacific Beach, WA	Privatization of water distribution system that delivers water	58 residential and 10 industrial services	Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8013 (BID 90798)
NAVFACENGCOM	MWR Center Pacific Beach, WA	Privatization of electrical distribution system	28 transformers, 14 streetlights, 13 building services	Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8014 (BID 90799)
NAVFACENGCOM	NAVSTA Everett, WA	Privatization of electrical, water, wastewater, natural gas, and steam		Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8003 (BID 90797)

Military Branch	Facility	Utility System	Facility / Characteristics	Contact / Solicitation No.
		distribution systems		
NAVFACENGCOM	NAVFUELDP Manchester, WA	Privatization of electrical distribution system		Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8018 (BID 907105)
NAVFACENGCOM	NAVFUELDP Manchester, WA	Privatization of wastewater distribution system		Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8020 (BID 90795)
NAVFACENGCOM	NAVFUELDP Manchester, WA	Privatization of water distribution system		Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8019 (BID 907103)
NAVFACENGCOM	NAVFUELDP Manchester, WA	Privatization of natural gas distribution system		Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8021 (BID 90796)
NAVFACENGCOM	Magnolia Housing Quarters, WA	Privatization of electrical distribution system		Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8017 (BID 907113)
NAVFACENGCOM	NAS Whidbey Island, WA	Privatization of electrical, natural gas, and steam distribution system		Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8007 (BID 907110)
NAVFACENGCOM	Whidbey Island Ault Field, WA	Privatization of wastewater distribution system		Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8008 (BID 907109)
NAVFACENGCOM	NAVRADSTA Jim Creek, WA	Privatization of wastewater system		Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8011 (BID 0907104)
NAVFACENGCOM	NAVSTA Bremerton, NUWC Keyport, Naval Magazine	Privatization of water, wastewater, natural gas		Donald Myers 360-396-0236 Solicitation Number

Military Branch	Facility	Utility System	Facility / Characteristics	Contact / Solicitation No.
	Indian Island (Port Hadlock), WA	distribution systems		N44255-01-R-8006 (BID 0907114)
Northwest NAVFACENGCOM	Winslow Housing, WA	Privatization of system that collects wastewater	16 housing units	Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8009 (BID 0907101)
Northwest NAVFACENGCOM	Bemerton Naval Hospital and Jackson Park Naval Housing, WA	Privatization of water distribution and wastewater system	870 units	Donald Myers 360-396-0236 Solicitation Number N44255-01-R-8010 (BID 0907112)
Southwest NAVFACENGCOM	NAWS, China Lake, CA	Privatization of electrical, natural gas, potable water, wastewater, and steam		Suzanne Bernas 619-532-1921 Solicitation Number N68711-01-R-5208 (BID 091076)
Southwest NAVFACENGCOM	San Diego, CA metropolitan area	Privatization of electrical, natural gas, potable water, wastewater, steam/hot water, salt water and compressed air		Suzanne Bernas 619-532-1921 Solicitation Number N68711-01-R-5210
Southwest NAVFACENGCOM	Naval Weapons Station SEAL Beach Detachment, Concord, CA	Privatization of electrical, natural gas, potable water, and wastewater		Suzanne Bernas 619-532-1921 Solicitation Number N68711-01-R-5239
AWARDS				
Southwest NAVFACENGCOM	San Diego, CA	Award to Clark Realty Capital of Bethesda, MD; Lincoln Property Company of Dallas, TX; and Department of Navy, TX, for family housing privatization initiative.		Tony Megliola 619-532-1489 Award Number CNT N6871199RP09P23

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ATTACHMENT C

FEDERAL AGENCY BUILDING PROJECTS

AGENCY	PROJECT	CONTACT
ATLANTA REGION		
Army Training Center	Install water-to-water heat pump; Fort Jackson, SC	Ann Brown 803-751-5747 Solicitation Number SOL DABT47-01-T-0084
Department of Health and Human Services	Replace existing air handling unit with new HVAC system; replace existing air handlings with one new VAV HVAC system with return air system and 100% economizer; relocate air intake for the air handling system for the laboratories, and provide HEPA filtered air to the system; replace all supply diffusers and exhaust grills; replace HVAC controls system with monitoring and controls; Jefferson, AR	Sandra Jackson-Davis 870-543-7469 Solicitation Number SOL 222-02-2000(B)
General Services Administration	New Federal protective service classroom building; provide innovative technologies and features which will support improved occupant productivity, energy conservation, space flexibility, reliable systems operations, low maintenance; comply with local, state, and Federal government codes and standards; Fletch, GA	Merlene Garcia-Stone 404-331-9791 Solicitation Number GS-04P-01-EXC-0061 (BID0907133)
Government Services Administration, Property Development	Design a new United States Federal Courthouse with the energy goal designed by GSA; Mobile, AL	Donna Lamb 404-331-3273 Solicitation Number SOL GS-04P-01-EXC-0042
National Park Service	Installation of geothermal heat pumps and refrigeration system; Asheville, NC	Kathy McPeters 828-271-4779x232 Solicitation Number Q5140010041 (BID 0831143)
Naval Facilities Engineering Command	Replace chiller with new water cooled rotary screw chiller; chiller must have capability for operating with reduced temperature cooling water, design for easy conversion to ice generation, operate on 460-480 volts with power consumption of less than 12 kW at ARI, provided with refrigerant isolation valves; Naval Weapons Station, Goose Creek, SC	Lori Chestnut 843-764-4112x3046 Solicitation Number N62467-01-Q-8361 (BID 0910119)
BOSTON REGION		
Army	Replace with new Programmable Logic Controller (PLC) the existing PLC that controls the operation of two emergency generators; Guthrie Medical Clinic, Fort Drum, NY	Monica Junod 315-772-5441 Solicitation Number SOL DAKF36-01-T-0085
CHICAGO REGION		
Veterans Affairs	Install air condition system, including new chiller; VA Medical Center, Dayton, OH	Kathy Laffey-Miller 937-267-3952 Solicitation Number

AGENCY	PROJECT	CONTACT
		IFB552-17-01 (BID 0911163)
DENVER REGION		
Army	Renovation of primary facilities including replacement of the existing two-pipe chilled water system with a new HVAC; Fort Polk, LA	Lisa Billman 817-978-4902 Solicitation Number DACA63-02-R-0001 (BID 0911150)
Fish & Wildlife Service	Design and build a new emergency electrical generation and distribution system to serve fish hatchery building and administration office/laboratory building; Albuquerque, NM	Monica Huerta 505-248-6451 Solicitation Number 201812R002 (BID 0925108)
General Services Administration	Design a new United States Courthouse with sustainable features; Las Cruces, NM	Lisa Byrd 817-978-2714 Solicitation Number GS-07P-UHC (BID 090419)
PHILADELPHIA REGION		
Veterans Affairs	Replace boiler plant windows with thermostatically controlled windows; upgrade air volume systems; correct mechanical deficiencies; James E. Van Zandt VA Medical Center, Altoona, PA	John Lindsey 814-943-8164x7234 Solicitation Number 503-01-02(BID 091421)
SEATTLE REGION		
Army, Engineer District	Design and construct deployment facilities; resource conservation and waste reduction; use of recovered and recycled materials; energy life cycle cost analysis is required as part of the contractor's design analysis; Fort Lewis Logistics Center, Seattle WA	Vincent Daniels 206-764-3572 Solicitation Number DACA64-02-R-0201 (BID 0905108)
NASA, Ames Research Center	Facility construction, modifications, repairs, maintenance; energy life cycle cost analysis; energy and power reliability studies; Moffett Field, CA	Robert Guerrero 650-604-4868 Solicitation Number SOL AE-01-001
Naval Facilities Engineering Command, Southwest Division	Regional Indefinite Quantity Architectural and Engineering Services for various projects. Demonstrate knowledge and experience in applying sustainability concepts to facilities and infrastructure through an integrated design approach including energy conservation, pollution prevention, use of recovered and recycled materials, waste reduction, construction waste management practices; CA, AZ, NV, NM, OR, ID, AK, WA, MT, UT	Vanessa Schutt 619-532-3779 Solicitation Number SOL N68711-01-R-6535
Naval Facilities Engineering Command, Southwest Division	Regional Indefinite Quantity Architectural and Engineering Services for various projects. Demonstrate knowledge and experience in applying sustainability concepts to facilities and infrastructure through an integrated design approach including energy conservation, pollution prevention, use of recovered and recycled materials, waste reduction, construction waste management practices; CA, AZ, NV, NM, OR, ID, AK, WA, MT, UT	Diana Price 619-532-2439 Solicitation Number SOL N68711-01-R-6541
Naval Facilities Engineering Command.	Regional Indefinite Quantity Cost Engineering Services for various projects. Demonstrate knowledge and experience in applying	Vanessa Schutt 619-532-3779 Solicitation Number

AGENCY	PROJECT	CONTACT
Southwest Division	sustainability concepts to facilities including energy conservation, use of recovered and recycled materials, waste reduction, construction waste management practices; CA, AZ, NM	SOL N68711-01-R-6517
AWARDS		
General Services Administration	Award to Geo-Marine, Inc., for energy management services in the amount of \$2,500,000.00; Plano, TX	William Kamstra 253-931-7085 Award Number CNT GS-10F-0359L
General Services Administration	Award ConEdison Solutions, Inc. for energy management services; White Plains, NY	Award Number GS-10F-0369L (BID 0904263)

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ATTACHMENT D

MEETINGS, CONFERENCES, AND OTHER EVENTS

For informational purposes only. Listing does not imply endorsement.

Technology	Manufacturer	Manufacturer's Claim	Contact
Power Sources			
Diesel generator sets	Cummins Power Generation	Lighter units, lower emissions	www.energyusernews.com
Taurus 60 mobile power unit	Solar Turbine	Trailer-mounted, low emissions, low combustion, gas turbine	www.energyusernews.com
Uninterruptible power supply	Leviton	Energy saving sleep mode, auto-sensors, surge protection	www.energyusernews.com
Uninterruptible power supply	Toshiba	AC input, converts to DC and back to AC, monitor via internet	www.energyusernews.com
Uninterruptible power supply	MGE	Expandable battery options, backs up two network servers	www.energyusernews.com
Chillers			
Precedent commercial packaged rooftop units	Trane	2-10 tons, mechanical or microprocessor controls, patented coil design	www.trane.com/precedent
Lighting			
Torchieres	Maxlite	Dimmable to 10 percent, 2C 70W lamp replaces 300W halogen, ENERGY STAR®	www.maxlite.com/sld001.htm
JUMBO office task light	Jolt Lighting, Inc.	30 to 50 percent greater task illumination than other 30W lights	www.joltlighting.com
Dura-Life Twin Lamp Long Life H.I.D.	Indy Lighting, Inc.	Double normal lamp life	www.lightsearch.com/ads/product/indy.html
Solar LED lights	Carmanah Technologies, Inc.	Completely self-contained, solar-powered	www.carmanah.com

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ATTACHMENT E

MEETINGS, CONFERENCES, AND OTHER EVENTS

NOTE: New events are highlighted in **blue**.
DOE-sponsored events are highlighted in **red**.

ATLANTA REGION

DATE	EVENT	SPONSOR
October 22-23, 2001	Super ESPCs Atlanta, GA	FEMP
October 23, 2001	Workshop for Federal Employees Atlanta, GA	FEMP, Alliance to Save Energy
October 24-26, 2001	FEMP Symposia at the World Energy Engineering Congress Atlanta, GA	FEMP
October 24-26, 2001	2001 World Energy Engineering Congress Conference & Expo Atlanta, GA	Association of Energy Engineers
October 24-27, 2001	Excellence in Building 2001 Orlando, FL	Energy and Environmental Building Association
October 25-26, 2001	Performance Management for Electric Distribution Companies Atlanta, GA	Electric Utility Consultants, Inc.
November 6-9, 2001	Distributed Generation Conference and 18 th Annual Conference Miami, FL	National Association of Energy Service Companies
November 27-28, 2001	Fundamentals of Energy Management Orlando, FL	Association of Energy Engineers
November 28-29, 2001	Business Energy Solutions Conference & Expo Orlando, FL	Association of Energy Engineers

BOSTON REGION

DATE	EVENT	SPONSOR
October 4-5, 2001	Distributed Generation seminar Boston, MA	Association of Energy Engineers
October 10-13, 2001	Learning Sustainability Buffalo, NY	University at Buffalo
October 16-17, 2001	Energy & Environmental Technologies Conference Atlantic City, NJ	New Jersey Department of Environmental Protection New Jersey Corporation for Advanced Technology

CHICAGO REGION

DATE	EVENT	SPONSOR
October 1-5, 2001	Comprehensive Five-Day Training Program for Energy Managers Detroit, MI	Association of Energy Engineers
October 22-24, 2001	Total Building Commission Process Madison, WI	University of Wisconsin
October 25-26, 2001	The Commissioning Process Supporting Technology Madison, WI	University of Wisconsin
November 27, 2001	Illinois Wind Workshop Lisle, IL	Department of Energy
November 27-28, 2001	Life-Cycle Costing Chicago, IL	FEMP
March 19-21, 2002	Electric Power 2002 Conference & Exhibition St. Louis, MO	Electric Power 2002
May 9-11, 2001	National Conference on Building Commissioning Chicago, IL	Portland Energy Conservation, Inc.

DENVER REGION

DATE	EVENT	SPONSOR
October 10-11, 2001	Federal Utility Partnership Working Group Oklahoma City, OK	FEMP
October 14-17, 2001	National Center for Photovoltaics Program Review Lakewood, CO	National Renewable Energy Laboratory, Sandia National Laboratory
October 17-18, 2001	Building Environment and Thermal Envelope Council Symposium and Workshop Santa FE, NM	National Institute of Building Sciences
October 21-November 1, 2001	Ancillary Services Conference Denver, CO	Electric Utilities Consultant Incorporated
October 30-31, 2001	UESC Projects Albuquerque, NM	FEMP
November 14-15, 2001	Super ESPCs Golden, CO	FEMP
December 3-7, 2001	Comprehensive Five-Day Training Program for Energy Managers New Orleans, LA	Association of Energy Engineers

DATE	EVENT	SPONSOR
December 5-7, 2001	4 th Annual Interactive Energy 2001 Conference	Interactive Energy 2001

PHILADELPHIA REGION

Date	Event	Sponsor
October 1, 2001	High Performance, Low Energy Laboratory Design Workshop Washington, DC	FEMP
October 2-4, 2001	Labs for the 21st Century Washington, DC	Environmental Protection Agency Department of Energy
November 1-2, 2001	Fundamentals of Energy Management Atlantic City, NJ	Association of Energy Engineers
November 7-9, 2001	FEMP Lights (Advanced) Washington, DC	FEMP
November 7, 2001	Maximizing Energy Efficiency and Environmental Benefits: Linking Energy Codes and Equipment Standards with Energy Efficiency Programs Plainsboro, NJ	Northeast Energy Efficiency Partnerships, Inc.
November 28, 2001	Energy Now! Arlington, VA	FEMP
March 6-8, 2002	National Facilities Management and Technology Conference & Exposition Baltimore, MD	National Facilities Management and Technology Conference
March 27-28, 2002	Globalcon Energy/Facilities Management & Exposition Philadelphia, PA	Association of Energy Engineers

SEATTLE REGION

DATE	EVENT	SPONSOR
September 30-October 5, 2001	Photovoltaic Experience Conference Sacramento, CA	Solar Electric Power Association
October 4, 2001	UPEX '01: The Photovoltaic Conference and Exhibition Sacramento, CA	Solar Electric Power Association
October 29-30, 2001	Energy Efficiency and Reliability: Lessons Learned in 2001 Berkeley, CA	American Council for an Energy Efficiency Economy
November 1-2, 2001	Distributed Generation: Opportunities and Obstacles San Diego, CA	Department of Energy

DATE	EVENT	SPONSOR
November 29-30, 2001	Designing Low-Energy, Sustainable Buildings Irwindale, CA	FEMP
December 10-12, 2001	World of Water Las Vegas, NV	Water World and Industrial Water World
December 10-14, 2001	Comprehensive Five-Day Training Program for Energy Managers Honolulu, HI	Association of Energy Engineers
December 11-13	POWER-GEN Conference Las Vegas, NV	Power Engineering Magazine
January 28-29, 2002	Reducing Your Energy Costs Conference New Orleans, LA	Center for Business Intelligence
June 2-5, 2002	Energy 2002 Palm Springs, CA	FEMP
June 6-7, 2002	West Coast Energy Management Congress Anaheim, CA	Association of Energy Engineers
June 15-20, 2002	Solar 2002 Reno, NV	American Solar Energy Society

INTERNATIONAL

DATE	EVENT	SPONSOR
December 7-8, 2001	MTEE-21: International Symposium on the Management and Technology of Energy and the Environment Vancouver, Canada	
March 13-15, 2002	GLOBE 2002 – Seventh International Conference and Trade Fair on the Business of the Environment Vancouver, Canada	GLOBE Foundation of Canada

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